ICP-VR8488

EN

User's Guide

Intruder Alarm System

BOSCH

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1.0 Getting to Know Your ICP-VR8488

Your ICP-VR8488 Intruder Alarm System is made up of a control panel and numerous detection devices such as magnetic/motion sensors and smoke sensors. You can operate the ICP-VR8488 using either the codepad or RF keyfobs. Your security company will examine your premises and divide it up into sections called zones.

If a detection device detects intrusion or smoke, the status of the device changes from normal to faulted. If a detection device becomes faulted when the ICP-VR8488 is armed (AWAY Mode or STAY Mode), the ICP-VR8488 sounds an alarm and sends an alarm report by telephone to your security company. Your security company takes the appropriate action.

1.1 Zone Types

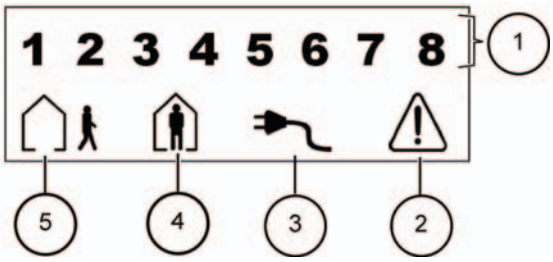
During installation, your security company might configure zones on your ICP-VR8488 differently. These different zones are described in *Table 1* on page 4.

Table 1: Zone Types

Type	Description
Burglary	A burglary zone is programmed to sound an alarm only when a fault is detected and the ICP-VR8488 is armed (AWAY Mode or STAY Mode). When the ICP-VR8488 is disarmed, burglary zones do not sound an alarm if faulted.
24-Hour	A 24-hour zone is programmed to sound an alarm when a fault is detected (by a tamper switch, for example) regardless of whether the ICP-VR8488 is armed.
Fire	A fire zone is programmed to sound an alarm when a fault is detected (by a smoke sensor, for example) regardless of whether the ICP-VR8488 is armed.

1.2 ICP-VR8488 Indicators

Figure 1: Keypad Display



1 – Zone Indicators
2 – Service indicator
3 – Power indicator
4 – STAY indicator
5 – AWAY indicator

1.2.1 AC MAINS Supply Failure

If the AC MAINS supply fails, both the Power and Service indicators flash. The keypad beeps once every minute to warn you that the AC power supply failed. Press the [#] key once to acknowledge the AC fail condition and stop the codepad beeping. When power is restored, the indicator lights steadily again.

Table 2: Keypad Indicator States

Indicator	Description
AWAY	On – the ICP-VR8488 is armed in AWAY Mode. Off– the ICP-VR8488 is not armed in AWAY Mode.
STAY	On – the ICP-VR8488 is armed in STAY Mode. Off– the ICP-VR8488 is not armed in STAY Mode.
Power	On – AC MAINS supply is normal. Flashing (with Service indicator) – AC MAINS supply failure.
Service	On– a trouble condition exists. Contact your security company. Flashing (with Power indicator) – AC MAINS supply failure.
Zone Indicators	On – the zone is faulted. Off – normal condition. Flashing – the zone is in alarm.
OFF	The OFF indicator lights when the system is disarmed and flashes when a zone becomes unsealed when disarmed. The indicator stops flashing when all zones are sealed.
ON	The ON indicator lights when the system is armed and flashes when an alarm occurs. The indicator resets after a valid User Code is entered.

1.2.2 Zone Indicators

A zone indicator (1 to 8) lights when the corresponding zone is faulted. If the zone indicator flashes, the corresponding zone is in alarm or the zone is in alarm memory. You can clear the alarm memory the next time you arm your system by turning the ICP-VR8488 on and off again.

Alarm memory allows you to verify which zones became faulted prior to resetting the alarm condition or disarming the system.

2.0 Disarm Your ICP-VR8488

You must disarm or turn off the ICP-VR8488 when entering your premises. Disarming the system disables all burglary zones leaving only the fire and other 24-hour zone types still active.

To prevent an alarm from occurring when you enter your premises, you must enter at the designated entry point (the front door, for example) and press your code (default = 2580) followed by the [#] key on your codepad before the Entry Delay Time expires. If you fail to disarm the ICP-VR8488 before the Entry Delay Time expires, an alarm sounds. Only your security company can program the Entry Delay Time.

Enter your code followed by the [#] key. For example, press [2 5 8 0 #].

Two beeps sound and the AWAY indicator is disabled.

Alternatively, when using the keyfob (*Figure 2* on page 6), you can disarm the system by pressing the unlock key (button 2). If your security company programmed the siren to sound when you disarm your ICP-VR8488, one beep is heard.

3.0 Arming Your ICP-VR8488

3.1 Arm in AWAY Mode

AWAY Mode is used so that all zones are in a ready state to detect intrusion while you are away from the premises.

After you enter your code (default = 2580) followed by the [#] key, the Exit Delay Time starts to count down. The Exit Delay Time can only be programmed by your security company. To prevent an alarm when arming the ICP-VR8488, you should exit the premises before the Exit Delay Time expires.

Enter your code followed by the [#] key. For example, press [2 5 8 0 #].

Two beeps are heard and the AWAY indicator lights. The [#] key also lights red. The codepad beeps once every 2 sec during Exit Delay. During the last 10 sec, the codepad continuously sounds to warn you that the Exit Delay Time has nearly expired.

Alternatively, when using the keyfob (*Figure 2* on page 6), you can arm the system in AWAY mode by pressing the lock key (button 1). If your security company programmed the siren to sound when you arm your ICP-VR8488 in AWAY Mode, two beeps sound.

3.2 Arm in STAY Mode

Use the STAY Mode when you want only the perimeter zones of your premises ready to detect intrusion. The interior zones are automatically bypassed (disabled) so that you can move within these zones without sounding an alarm.

After you enter your code (default = 2580) followed by the [*] key, the Exit Delay Time starts to count down. The length of the Exit Delay Time can only be programmed by your security company.

Enter your code followed by the [*] key. For example, press [2 5 8 0 *].

Two beeps are heard and the [STAY] indicator lights. The [#] key also lights red. The codepad does not beep during Exit Delay. However, the codepad beeps once at the end of the Exit Delay Time for STAY Mode.

4.0 Silencing Alarms

If an alarm occurs, enter your code (default = 2580) followed by the [#] key to silence the alarm. You may need to turn the ICP-VR8488 on and then off again to clear the alarm memory.

To silence alarms using a keyfob, press button 2 (unlock key). Refer to *Figure 2* on page 6.

5.0 Add/Delete User Code/ RF Keyfob

You can program the remote radio hand-held transmitters to operate only as User Codes 9 to 16. User Codes 1 to 8 are reserved for Master Codes and you must enter them using the codepad.

5.1 Add a User Code

1. Enter your code, followed by [1] and the [#] key (for example, [2 5 8 0 1 #]).
2. Enter the User Number (9 to 16) you want to add/change, followed by the [#] key.
3. Enter the new code, followed by the [#] key.

5.2 Add RF Keyfob

1. Enter your code, followed by [1] and the [#] key (for example, [2 5 8 0 1 #]).
2. Enter the User Number (9 to 16) you want to add, followed by the [#] key.
3. Enter the 9-digit RF keyfob ID number, followed by the [#] key.

5.3 Delete a User Code/RF Keyfob

1. Enter your code, followed by [1] and the [#] key (for example, [2 5 8 0 1 #]).
2. Enter the User Number (1 to 16) you want to delete, followed by the [#] key.
3. Press the [*] key to delete the User Code.

6.0 Change Domestic Telephone Numbers

When the system is configured for domestic dialing, you can change the telephone numbers that the system calls when an alarm occurs.

1. Enter your code, followed by [2] and the [#] key (for example, [2 5 8 0 2 #]).
2. Enter the digits for the telephone number.
3. If there is more than one telephone number, press the [*] key, followed by the [4] key (inserts break between phone numbers) and repeat *Step 2,* or press the [#] key to exit.

7.0 Setting Date and Time

1. Enter your code, followed by [6] and the [#] key (for example, [2 5 8 0 6 #]).
2. Enter the day (DD), month (MM), and year (YY) followed by the hour (HH) and minute (MM).
3. Press the [#] key to exit.

8.0 Emergency Keys

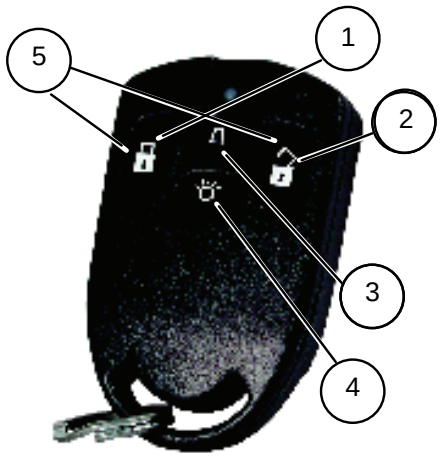
The ICP-VR8488 provides single-key emergency functions: panic (you require immediate police assistance), fire, and medical. Pressing any of these keys for 2 sec sounds the siren and sends a report to the security company. The security company acts accordingly for each emergency situation.

Your keyfob has the ability to activate a panic alarm by pressing both the lock key (button 1) and the unlock key (button 2) at the same time.

9.0 Keyfobs

You can operate your ICP-VR8488 using the two-button keyfob instead of the codepad on the main desktop unit.

Figure 2: RF Keyfob Operations



1 – Arm button
2 – Disarm button
3 – Option 1 button
4 – Option 2 button.
5 – Arm and Disarm buttons: Press both buttons at same time for 2 sec to send a Panic alarm

Your security company can program the ICP-VR8488 speaker or siren to sound each time you turn the ICP-VR8488 on and off using the keyfob.

10.0 Glossary of Terms

Table 3: Glossary of Terms

Term	Description
24-hour zone	A monitored input where tamper switches and emergency switches can be connected. If one of these switches is violated at any time (whether the system is armed or disarmed), an alarm is reported.
alarm condition	The status when an alarm system is armed and one of the detection devices is violated. A 24-Hour zone (for example, a smoke detector) can activate when the system is armed or disarmed.
AWAY Mode	The mode used to arm your system when you leave your premises.
codepad	A device that allows you to perform all functions such as arming, disarming, and programming of your alarm system.
detector	A unit installed as a satellite component in a security system designed to detect an intruder within a protected area. Some common forms of detection devices are passive infrared, smoke, photo electric beams, reed switches, and vibration sensors.
dialer	An electronic device that uses tones or pulses to dial an electronic receiver such as a monitoring station, mobile phone, or pocket pager. It uses the public switched telephone network to send alarm or supervisory signals.
disarmed	A system status that does not accept alarms, except for 24-hour zones.
entry delay	A programmed delay of the system alarm responses that allows a person to enter a building through the entry door to turn the system off.
entry warning	The beeping from a codepad during an entry delay as a reminder to disarm the system.
exit delay	A programmed delay of the system alarm responses that allows a person to leave a building after turning the system on.
keyfob	A hand-held transmitter that you can use to arm and disarm your system, or to initiate a panic alarm.
master code	A numeric code used for arming and disarming the system, and for allowing access to all functions available through the codepad.
monitoring station	A secure location where a digital receiver monitors a number of alarm systems and deciphers their alarm transmission reports so the operator can advise the appropriate authorities to take immediate action.
panic	A condition or type of alarm in which the user requires either immediate police or medical assistance.
sealed	Refers to a zone's status. If a zone is sealed, the detection devices are not violated and the zone indicator is not lit (that is, a reed switch is closed or a detector is on standby waiting for an intrusion).
silent alarm	An alarm that sounds only at a remote location, and gives no obvious local indication that an alarm was sent out.
STAY Mode 1	A condition that automatically isolates certain zones when the security system is armed in this mode. Only the installer can program these zones.
STAY Mode 2	A condition that automatically isolates certain zones when the security system is armed in this mode. The Master Code holder can program these zones.
unsealed or faulted	Refers to a zone's status. If a zone is unsealed, the detection devices are violated and the zone indicator is lit (that is, a reed switch is open or a detector noted an intrusion).
user code	A numeric code used to arm and disarm the system.
zone	A monitored input used to activate an alarm. A zone might be set up to activate an alarm only when the system is armed or to operate whether the system is armed or disarmed.

11.0 Installation Notes

Installation Company _____

Technician _____

Phone Number _____

Installation Date _____

Warranty Expires _____

Panel Software Version _____

User Codes

		Master Code		
User 1	_____	☐	**User 9**	_____
User 2	_____	☐	**User 10**	_____
User 3	_____	☐	**User 11**	_____
User 4	_____	☐	**User 12**	_____
User 5	_____	☐	**User 13**	_____
User 6	_____	☐	**User 14**	_____
User 7	_____	☐	**User 15**	_____
User 8	_____	☐	**User 16**	_____

Zone Descriptions

		STAY Mode 1
Zone 1	_____ *(Front Door, Bedroom, for example)*	☐
Zone 2	_____	☐
Zone 3	_____	☐
Zone 4	_____	☐
Zone 5	_____	☐
Zone 6	_____	☐
Zone 7	_____	☐
Zone 8	_____	☐

Entry and Exit Times

Entry Timer 1 _____ **sec**

Exit Time _____ **sec**

Entry Guard Time for STAY Mode 1 and STAY Mode 2 _____ **sec**

Siren Run Time _____ **min**

Sensor Watch Time _____ **days**

Can your system be serviced by another technician? YES NO

If YES, Installer's Code _____

Notes

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